

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

MLRA REGION 11
Indianapolis, Indiana 46278

FIRST AMENDMENT
TO THE
JULY 1974 CLASSIFICATION AND CORRELATION
OF THE SOILS OF
HANCOCK COUNTY, INDIANA

SEPTEMBER 2004

This amendment results from digitizing the Hancock County Soil Survey, the update of the NASIS database, and conforming to the Keys to Soil Taxonomy, 9th Edition, 2003.

AMENDMENT NO. 1

Pages 1 & 2 – Additions:

Field Symbol	Field Name	Approved Name	Publication Map Symbol
G.P.	Gravel pit	Pits, gravel	Gp
C.F.	Cut and fill land	Orthents	Or
water, w	Water	Water	W

Page 4 – Replace the Symbol Legend, with the attached Indiana Official 37A for Compilation, Digitizing, and DMF, Revised June 30, 2004.

Only the following standard soil survey features will be shown on the legend and placed on the digitized soil maps:

<u>Feature</u>	<u>Name</u>	<u>Description</u>
GPI	Gravel pit	An open excavation from which soil and underlying material have been removed and used, without crushing, as a source of sand or gravel. Typically 0.2 to 2 acres.
ERO	Severely eroded spot	An area where on the average 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically 0.2 to 2 acres.
SLP	Short, steep slope	Narrow soil area that has slopes that are at least two slope classes steeper than the slope class of the surrounding map unit.
SPO	Spoil area	A pile of earthy materials, either smoothed or uneven, resulting from human activity. Typically 0.2 to 2 acres.
WET	Wet spot	A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. Typically 0.2 to 2 acres.

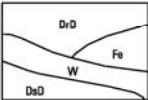



































































Soil Survey Area: _____

State: Indiana

FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

SEPTEMBER 2004

Date: _____

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
SOIL SURVEY FEATURES		CULTURAL FEATURES (Optional)		HYDROGRAPHIC FEATURES (Optional)	
SOIL DELINEATIONS AND LABELS		BOUNDARIES		Drainage end (indicates direction of flow)	
		National, state or province		Unclassified stream	
STANDARD LANDFORM AND MISCELLANEOUS SURFACE FEATURES		County or parish			
Bedrock escarpment		Minor civil division			
Nonbedrock escarpment		Reservation (Military)			
Gully		Land grant (Optional)			
Levee		Field sheet matchline and neatline			
Short steep slope		Public Land Survey System Section Corner Tics			
Blowout		GEOGRAPHIC COORDINATE TICK			
Borrow pit					
Clay spot					
Closed depression					
Gravel pit					
Gravelly spot					
Landfill					
Marsh or swamp					
Mine or quarry					
Rock outcrop					
Sandy spot					
Severely eroded spot					
Sinkhole					
Slide or slip					
Spoil area					
Stony spot					
Very stony spot					
Wet spot					
AD HOC FEATURES (Describe on back)		ROAD EMBLEMS			
LABEL	SYMBOL ID	SYMBOL	LABEL	SYMBOL ID	SYMBOL
DCS	1		CRO	23	
DKS	2		MIA	24	
QVW	3		CGM	25	
VWS	4		REL	26	
EAS	5		27	27	
WAS	6		SID	28	
SAS	7		29	29	
CAF	8		30	30	
CAL	9		31	31	
SLR	10		32	32	
DUM	11		33	33	
BRV	12		34	34	
BRM	13		35	35	
BRD	14		36	36	
OSR	15		37	37	
SSR	16		38	38	
LBR	17		39	39	
WOP	18		40	40	
SSR	19		41	41	
COB	20		42	42	
CNS	21		43	43	
FES	22		44	44	

Only the following ad hoc features will be shown on the legend and placed on the digitized soil maps:

<u>Label</u>	<u>Symbol ID</u>	<u>Name</u>	<u>Description</u>
MUC	30	Muck spot	An area within a poorly drained or very poorly drained soil that has a histic epipedon or where the surface is organic. The spot symbol is used only in map units consisting of mineral soil. Typically 0.2 to 2 acres.
UWT	44	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water, of an unspecified nature, most of the year. Typically 0.2 to 2 acres.

Page 8 – Replace the Classification of the Soils table with the following:

Hancock County, Indiana Classification of the Soils, amended per Keys to Soil Taxonomy, 9th Edition.

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
Brookston-----	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Crosby-----	Fine, mixed, active, mesic Aeris Epiaqualls
Eel-----	Fine-loamy, mixed, superactive, mesic Fluvaquentic Eutrudepts
Genesee-----	Fine-loamy, mixed, superactive, nonacid, mesic Fluventic Eutrudepts
Kokomo-----	Fine, mixed, superactive, mesic Typic Argiaquolls
Martinsville-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Miami-----	Fine-loamy, mixed, active, mesic Oxyaquic Hapludalfs
*Miami-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Milford-----	Fine, mixed, superactive, mesic Typic Endoaquolls
Ockley-----	Fine-loamy, mixed, active, mesic Typic Hapludalfs
Palms-----	Loamy, mixed, euic, mesic Terric Haplosaprists
Rensselaer-----	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Shoals-----	Fine-loamy, mixed, superactive, nonacid, mesic Fluventic Endoaquolls
Sloan-----	Fine-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls
Westland-----	Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
Whitaker-----	Fine-loamy, mixed, active, mesic Aeris Endoaqualls

The *Miami taxadjunct is for map unit MmA only.

Approval Signatures

 TRAVIS NEELY
 State Soil Scientist/MLRA Leader

 Date

 JANE E. HARDISTY
 State Conservationist

 Date